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#2 OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/944,944

DATE: 10/26/2001

TIME: 09:37:03

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Output Set: N:\CRF3\10262001\I944944.raw

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3   Eaton, Dan
4   Ferrara, Napoleone
5   Filvaroff, Ellen
6   Gerritsen, Mary
7   Goddard, Audrey
8   Godowski, Paul
9   Grimaldi, Christopher
10  Gurney, Austin
11  Hillan, Kenneth
12  Kljavin, Ivar
13  Napier, Mary
14  Roy, Margaret
15  Tumas, Daniel
16  Wood, William
17 <120> TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
18   ACIDS ENCODING THE SAME
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DATE: 10/26/2001

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Output Set: N:\CRF3\10262001\I944944.raw

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## RAW SEQUENCE LISTING

DATE: 10/26/2001

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TIME: 09:37:03

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100 &lt;210&gt; SEQ ID NO: 1

101 &lt;211&gt; LENGTH: 2454

102 &lt;212&gt; TYPE: DNA

103 &lt;213&gt; ORGANISM: Homo Sapien

104 &lt;400&gt; SEQUENCE: 1

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105      ggactaatct gtgggagcag tttattccag tatcaccacag ggtgcagcca 50
106      caccaggact gtgttgaagg gtgttttttt tcttttaaata gtaatacctc 100
107      ctcatctttt cttcttacac agtgtctgag aacatttaca ttatagataa 150
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113      tccaacaaga gagccaagaa gccatttttt tccatttgat ctgtttccaa 450
114      tgtgtccatt tggatgtcag tgctattcac gagttgtaca ttgctcagat 500
115      ttaggtttga cctcagtcac aaccaacatt ccatttgata ctcgaaatgct 550
116      tgatcttcaa aacaataaaa ttaaggaaat caaagaaaat gattttaaag 600
117      gactcacttc actttatggt ctgatcctga acaacaacaa gctaacgaag 650
118      attcacccaa aagcctttct aaccacaaag aagttgcgaa ggctgtatct 700
119      gtcccacaat caactaagtg aaataccact taatcttccc aaatcattag 750
120      cagaactcag aattcatgaa aataaagtta agaaaataca aaaggacaca 800
121      ttcaaaggaa tgaatgcttt acacgttttg gaaatgagtg caaacctctc 850
122      tgataataat gggatagagc caggggcatt tgaaggggtg acggtgttcc 900
123      atatcagaat tgcagaagca aaactgacct cagttcctaa aggcttacca 950
124      ccaactttat tggagcttca cttagattat aataaaattt caacagtgga 1000
125      acttgaggat tttaaacgat acaaagaact acaaaggctg ggcctaggaa 1050
126      acaacaaaat cacagatata gaaaatggga gtcttgctaa cataccacgt 1100
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135      actgacttat tttatgacaa gaaatttcaa cggaattttg ccaaactatt 1550
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143      cttatcatgt cttagagccc gtctttatgt ttaaaactaa tttcttaaaa 1950
144      taaagccttc agtaaatgtt cattaccaac ttgataaatg ctactcataa 2000
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DATE: 10/26/2001

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TIME: 09:37:03

Input Set : N:\Crf3\temp\09944944.raw.txt

Output Set: N:\CRF3\10262001\I944944.raw

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148      aggctatata acattgccac ttcaactcta aggaatattt ttgagatatac 2200
149      cctttggaag accttgcttg gaagagcctg gacactaaca attctacacc 2250
150      aaattgtctc ttcaaatacg tatggactgg ataactctga gaaacacatc 2300
151      tagtataact gaataagcag agcatcaaat taaacagaca gaaaccgaaa 2350
152      gctctatata aatgctcaga gttctttatg tattttottat tggcattcaa 2400
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154      aaat 2454
156 <210> SEQ ID NO: 2
157 <211> LENGTH: 379
158 <212> TYPE: PRT
159 <213> ORGANISM: Homo Sapien
160 <400> SEQUENCE: 2
161      Met Lys Glu Tyr Val Leu Leu Leu Phe Leu Ala Leu Cys Ser Ala
162           1                5                10                15
163      Lys Pro Phe Phe Ser Pro Ser His Ile Ala Leu Lys Asn Met Met
164           20                25                30
165      Leu Lys Asp Met Glu Asp Thr Asp Asp Asp Asp Asp Asp Asp
166           35                40                45
167      Asp Asp Asp Asp Asp Glu Asp Asn Ser Leu Phe Pro Thr Arg Glu
168           50                55                60
169      Pro Arg Ser His Phe Phe Pro Phe Asp Leu Phe Pro Met Cys Pro
170           65                70                75
171      Phe Gly Cys Gln Cys Tyr Ser Arg Val Val His Cys Ser Asp Leu
172           80                85                90
173      Gly Leu Thr Ser Val Pro Thr Asn Ile Pro Phe Asp Thr Arg Met
174           95               100               105
175      Leu Asp Leu Gln Asn Asn Lys Ile Lys Glu Ile Lys Glu Asn Asp
176          110               115               120
177      Phe Lys Gly Leu Thr Ser Leu Tyr Gly Leu Ile Leu Asn Asn Asn
178          125               130               135
179      Lys Leu Thr Lys Ile His Pro Lys Ala Phe Leu Thr Thr Lys Lys
180          140               145               150
181      Leu Arg Arg Leu Tyr Leu Ser His Asn Gln Leu Ser Glu Ile Pro
182          155               160               165
183      Leu Asn Leu Pro Lys Ser Leu Ala Glu Leu Arg Ile His Glu Asn
184          170               175               180
185      Lys Val Lys Lys Ile Gln Lys Asp Thr Phe Lys Gly Met Asn Ala
186          185               190               195
187      Leu His Val Leu Glu Met Ser Ala Asn Pro Leu Asp Asn Asn Gly
188          200               205               210
189      Ile Glu Pro Gly Ala Phe Glu Gly Val Thr Val Phe His Ile Arg
190          215               220               225
191      Ile Ala Glu Ala Lys Leu Thr Ser Val Pro Lys Gly Leu Pro Pro
192          230               235               240
193      Thr Leu Leu Glu Leu His Leu Asp Tyr Asn Lys Ile Ser Thr Val
194          245               250               255
195      Glu Leu Glu Asp Phe Lys Arg Tyr Lys Glu Leu Gln Arg Leu Gly
196          260               265               270

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TIME: 09:37:03

Input Set : N:\Crf3\temp\09944944.raw.txt

Output Set: N:\CRF3\10262001\I944944.raw

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197      Leu Gly Asn Asn Lys Ile Thr Asp Ile Glu Asn Gly Ser Leu Ala
198                      275                      280                      285
199      Asn Ile Pro Arg Val Arg Glu Ile His Leu Glu Asn Asn Lys Leu
200                      290                      295                      300
201      Lys Lys Ile Pro Ser Gly Leu Pro Glu Leu Lys Tyr Leu Gln Ile
202                      305                      310                      315
203      Ile Phe Leu His Ser Asn Ser Ile Ala Arg Val Gly Val Asn Asp
204                      320                      325                      330
205      Phe Cys Pro Thr Val Pro Lys Met Lys Lys Ser Leu Tyr Ser Ala
206                      335                      340                      345
207      Ile Ser Leu Phe Asn Asn Pro Val Lys Tyr Trp Glu Met Gln Pro
208                      350                      355                      360
209      Ala Thr Phe Arg Cys Val Leu Ser Arg Met Ser Val Gln Leu Gly
210                      365                      370                      375
211      Asn Phe Gly Met
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214 <211> LENGTH: 20
215 <212> TYPE: DNA
216 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
219 <400> SEQUENCE: 3
220      ggaaatgagt gcaaaccctc 20
222 <210> SEQ ID NO: 4
223 <211> LENGTH: 24
224 <212> TYPE: DNA
225 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
228 <400> SEQUENCE: 4
229      tcccaagctg aacactcatt ctgc 24
231 <210> SEQ ID NO: 5
232 <211> LENGTH: 50
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
237 <400> SEQUENCE: 5
238      ggggtgacggt gttccatata agaattgcag aagcaaaact gacctcagtt 50
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241 <211> LENGTH: 3441
242 <212> TYPE: DNA
243 <213> ORGANISM: Homo Sapien
244 <400> SEQUENCE: 6
245      cggacgcgtg ggcggacgcg tgggcccgcg gcaccgcccc cggcccggcc 50
246      ctccgccctc cgcactgcgc cctccctccc tccgccgct cccgcgccct 100
247      cctccctccc tcctccccag ctgtcccggt cgcgtcatgc cgagcctccc 150
248      ggccccgcgc gccccgcgtc tgctcctcgg gctgctgctg ctcggtcccc 200
249      ggccggcccc cggcgccggc ccagagcccc ccgtgctgcc catccgttct 250

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## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/944,944

DATE: 10/26/2001

TIME: 09:37:04

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